

GULF DEFENDER



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Tyndall Air Force Base, Fla. *Gulf Defender*

Aug. 23, 2002

In brief

Retiree Office seeks new director

Tyndall's Retiree Office is seeking a volunteer to serve as director of the Retiree Activities Office. Responsibilities include running the Retiree Activities Office, advising the 325th Fighter Wing commander on retired Air Force member issues, publishing the RAO newsletter and performing other tasks in support of the military retiree community. Please call 283-2984 for more information or to volunteer.

Vehicle parking

All vehicles in the Tyndall Military housing area will be parked in authorized spaces — carports, garages or paved parking areas. On-street parking is permitted only on the side of the street opposite the fire hydrants, with four exceptions. On Eagle Drive between Beacon Beach Road and Phantom Street, parking will be on the side with even house numbers; on Dart Avenue parking will be on the odd side; on Falcon Street the even side; and where parking spaces are designated. Motor homes, camping trailers, campers, boats and boat trailers will be parked in the Recreational Vehicle Storage Area when not in use.

Inoperative vehicles may not be parked in any family housing area. Housing inspectors will also issue discrepancy notices for parking on the grass.

Inside

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F-22 commander, pilots announced

MASTER SGT. ROB FULLER

325th Fighter Wing public affairs

The 325th Fighter Wing commander, Brig. Gen. Larry New, recently announced the commander and unit designation for the first F-22 Raptor Squadron in the Air Force.

Lt. Col. Jeffrey Harrigian, currently 95th Fighter Squadron operations officer, has been selected to command the 43rd Fighter Squadron and begin training pilots in the world's premiere air dominance fighter.

"The first feeling was 'I can't believe this is happening,'" Colonel Harrigian said. "It is an absolute honor and humbling to have the opportunity to lead the men and women of the 43rd Fighter Squadron. Being provided an opportunity to command any squadron is an honor, but this is definitely special. It is a dream come true to be able to fly what promises to be the world's premiere fighter aircraft. Make no mistake about it, the training mission is critical and with the addition of the F-22, it will only add to the U.S. military's reputation as the world's premiere fighting force."



Steve Wallace

Lt. Col. Jeffrey Harrigian does a preflight inspection prior to a recent sortie.

Between now and the time the unit receives its first Raptor, there's a lot to be done, Colonel Harrigian said. Details such as administrative issues, manning, training syllabi and even the unit patches have yet to be chiseled into stone.

Fortunately, a crew of dedicated

troops has been hard at work for several years preparing for the new unit, its commander and the first jet. Leading that charge has been Lt. Col. Leigh Hinkle, F-22 Integration Office chief, who was also selected to be the new squadron's first operations officer.

"It's the perfect plan," Colonel Harrigian said, "Lee Bob is the man with the knowledge for beddown to include aircraft, people, facilities, maintenance—everything. I'll be relying on him and his staff heavily to get me up to speed."

●SEE F-22 PAGE 11

Pilot clocks 3,000 hours in F-15 cockpit

2ND LT. ALBERT BOSCO

325th Fighter Wing public affairs

On Monday, one of Tyndall's own achieved a career milestone. Lt. Col. Mark Amidon became the 28th F-15 Eagle pilot to log his 3,000th flying hour. Colonel Amidon, who has been a member of the "Checkertail Clan" for a few months, recently assumed command of

the 2nd Fighter Squadron, the "American Beagle Squadron." Ironically, the aircraft flown by Colonel Amidon has only been in service a couple more years than he has been flying F-15s. "The airplane I flew was 20 years old," Colonel Amidon said. "I flew my first F-15 in November 1984."

Apart from the F-15, the T-

37 "Tweet" and T-38 "Talon" are the only other aircraft Colonel Amidon has flown. "I've been flying this airplane for 15 of the 18 years I've been a pilot in the Air Force," Colonel Amidon said. For Colonel Amidon, his 3,000 flying hours represents the hard work put forth by many throughout his career as a pilot. "The aircraft

I flew yesterday landed 'Code 1', meaning zero maintenance discrepancies. The continued lethality and mission readiness of the F-15 is a tremendous testament to the folks who designed it, and even more so to the hard working maintainers that keep it flying," Colonel Amidon said.

●SEE FLIGHT PAGE 11

F-22 Raptor: The Air Force's approach to transformation.

Good news abounds for Team Tyndall

BRIG. GEN. LARRY NEW

325th Fighter Wing commander



I really enjoy weeks like this, when there is a wealth of good news to share and great, very deserving men and women to honor and

congratulate.

I am very proud to begin by saluting two of Team Tyndall's finest who have distinguished themselves as some of the Air Force's ultimate performers. Congratulations to Staff Sgt. Karyn Argueta, 325th Operations Support Squadron, who was selected as the 2001 Outstanding Personnel Manager of the Year, Category III-C, and Tech. Sgt. Caesar Kellum of Southeast Air Defense Sector, who was selected as one of the Air Force's 12 Outstanding Airmen. It's great to have on Team Tyndall such high-caliber NCOs who epitomize and embrace our Air Force core values: Integrity First, Service Before Self, and Excellence in All We Do." I hope you will have a chance to congratulate them personally.

Speaking of good news updates, on be-



BRIG. GEN. LARRY NEW

325th Fighter Wing commander

"It's great to have on Team Tyndall such high-caliber people who epitomize and embrace our Air Force core values: Integrity First, Service Before Self, and Excellence in All We Do."

half of all of Team Tyndall, I am also proud to salute the following men and women whose all-around performance stood head and shoulders above their peers during the past quarter. Congratulations to the following winners of the combined 325th Fighter Wing and Tyndall Air Force Base Associate Unit Quarterly Awards competition: The overall Team Tyndall winners are: Senior Airman Mark Cranley, 83rd Fighter Weapons Squadron, Airman of the Quarter; Tech. Sgt. Michael Fowler, 823rd REDHORSE Squadron, NCO of the Quarter; Senior Master Sgt. John O'Neal, 325th Maintenance Squadron, Senior NCO of the Quar-

ter; 1st Lt. Joseph DePorter, 325th Maintenance Operations Squadron, Company Grade Officer of the Quarter, Debbie McAteer, 325th Air Control Squadron, Category I Civilian of the Quarter; and Brian Stahl, Headquarters Air Force Civil Engineer Support Agency, Category II Civilian of the Quarter. These individuals were recently recognized at a quarterly awards luncheon. Congratulations and keep up the great work.

I also want to extend my sincere congratulations to Lt. Col. Jeffrey "Cobra" Harrigan, whom many of you already know as the 95th

•SEE CONGRATULATIONS PAGE 6

Voting: Military members earn this privilege

TECH. SGT. ROGER DRINNON

81st Training Wing public affairs

KEESLER AIR FORCE BASE, Miss. (AFP) - The 2000 presidential election is still fresh in my mind, and I look forward to the privilege of voting in the 2002 midterm election.

Voting in the upcoming election determines the course of our nation as we fight the war on terrorism. Our participation is crucial, since active voters seem narrowly split in their political views these days.

As servicemembers, we can't be discouraged by the scuffle of the last presidential election—especially the attempts to have absentee ballots

thrown out due to technicalities. This only serves to tell us how important our absentee ballots are.

Of course, in performing our duties we're politically neutral. We're all obligated to serve whomever our society as a whole deems fit.

But servicemembers defend and cherish our freedoms in a time when evil people might attack in the most unthinkable ways. Military people are among those who really earn their privilege to vote.

It's our responsibility to make an educated vote. We should learn as much as we can about candidates and key issues from as many sources as possible. Personally, I

don't rely solely on television.

Several years ago, I took a college course on American government, and since then I've continued to learn as much as possible about our nation's issues and how politics affects the military.

I've voted in both presidential and midterm elections, and I've never taken the privilege for granted. I encourage everyone to do the same.

I've spoken to some military members who have a grim view of politics, and that leaves them reluctant to vote at all. When we don't vote, we submit to whatever special interest groups and other active voters decide. My government class in-

structor called this "tacit consent." Sometimes by not saying "No," we say "Yes."

Other people only vote in presidential elections, but not in the midterm elections where other congressional seats are up for grabs. Our senators and representatives have considerable power as part of our "checks and balances" system. As the 2002 midterm elections approach, military voters should have their voices heard there as well.

I ask my fellow servicemembers to learn the issues and actively take part in our nation's political process. Our votes count, and they affect the future of our nation and its military.

Kudos

I appreciate the support of the leadership and our many friends at Tyndall. The wing commander, each group commander and my squadron commander provide my family and me a great environment in which to work and live during our time in the United States. I must praise my squadron commander, Lt. Col. Charles Still, for his strong, effective leadership and his understanding of the essence of the exchange program.

Of course, I thank all the men and women of the 325th Air Control Squadron. Their kindness and friendship has been at the core of how well I can do my job. My wife Fumiko, my son Kenya, and I sincerely appreciate all the people in the Tyndall community. The nice and kind people in the commissary, BX, the hospital and other parts of the Tyndall community guarantee us a full life and reduce the stress of living in a different culture. I will never forget your service to us.

Norm and Sonia's (Herrin) kindness and support have definitely improved our military relationship. Likewise, your support is wonderful and is worth a lot to my family. I give my best appreciation to you. Thank you, Norm and Sonia. Thank you, 325th ACS folks. We thank all of the Tyndall community.

CAPT. HIROYUKI 'ROCKY'

ISHII

JASDF ABM Exchange Officer
325th Air Control Squadron

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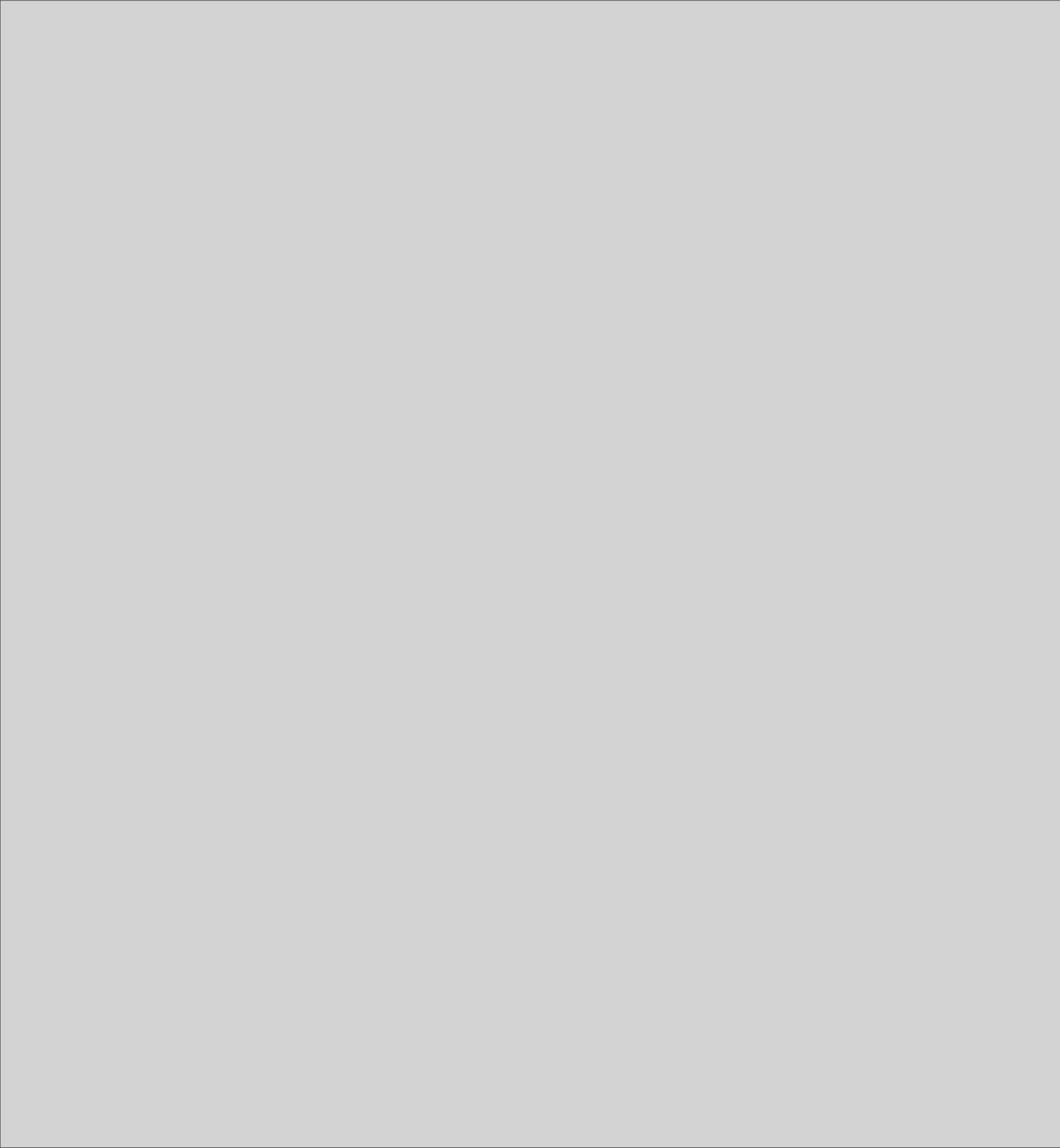
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The deadline for article submissions to the *Gulf Defender* is 4 p.m. Friday, prior to the week of publication unless otherwise noted. Articles must be typed and double-spaced, preferably on a 3.5-inch disc. Stories should be submitted directly to the public affairs office, Building 662, Room 129 or mailed to: 325 FW/PAI, 445 Suwannee Ave., Tyndall AFB, FL, 32403-5425 or emailed to editor@tyndall.af.mil. Public affairs staff members edit all material for accuracy, brevity, clarity, conformity to regulations and journalistic style. The delivery of the *Gulf Defender* to Tyndall base housing sections is provided by the *Panama City News Herald*.

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Raptor: redefining maneuverability in new millennium

MASTER SGT. ROB FULLER
325th Fighter Wing public affairs

(Editor's note: This is the second in a four-part series on the unique characteristics of the F-22 Raptor; stealth, maneuverability, supercruise and integrated avionics.)

“Turning on a dime” brings to mind images of a split-second change of direction. Seem easy? Imagine doing that in a jet hurling through the sky. That’s the F-22 Raptor.

The F-22 design with its stealth, supercruise and integrated avionics provide a high degree of assurance that a “dog-fight” will not be the typical experience for combat air force pilots. If close air-to-air combat ever becomes necessary, other fighters don’t stand a chance because of the

Raptor’s enhanced maneuverability.

“The preferred solution is first look, first shot, first kill,” said Jeff Harris, Lockheed Martin lead engineer for flight control law decision and analysis, “but from a flying-quality perspective, we design the F-22 to be a lethal fighter even close-in, and give pilots maximum maneuverability.”

The key to the F-22 Raptor’s ability to maneuver better than conventional fighters is a system called thrust vectoring. Thrust vectoring is controlled by the pilot through the flight controls and gets the F-22 quickly from one maneuver to another. The vectoring nozzles on the two Pratt & Whitney F119 engines are controlled by the same flight control system that operates the horizontal



Courtesy photo

The F-22’s thrust vectoring allows it to open the envelope where other fighters would stall.

tails, rudders and wing surfaces.

“It’s the ability for pilots to point the nose wherever he wants in a much larger envelope, all the way to zero air speed,” Mr. Harris said. “Thrust vectoring harnesses the power from the rear of the jet by using the thrust vectoring nozzles (on the engines) and opens the envelope where other fighters would stall,” Mr. Harris said.

For the most part, the enhanced maneuverability features of the F-22 are transparent to the pilot. The aircraft controls are designed much like any conventional fighter with the thrust vectoring nozzles fac-

tored in for additional maneuver capability.

“The most obvious (difference from other jets) is the slow speed, high angle of attack region where the F-22 is still completely controllable while an F-16 or F-15 is completely uncontrollable,” said Bret Luedke, F-22 chief test pilot at the Combined Test Force, Edwards Air Force Base, Calif. Mr. Luedke has been a test pilot for 13 years and has more than 150 hours in the F-22.

“The large control surfaces and the thrust vectoring capability of the aircraft give us maneuverability and control in areas where other aircraft don’t dare go,” Mr. Luedke said.

“It’s kind of like comparing the capabilities of a Formula 1 race car with those of a VW van while driving on a road race course.

“Thrust vectoring maneuverability, once reserved only for test pilots, will now be available to the combat air forces,” Mr. Harris said. “This feature has been used in other developmental programs, but it’s the first time it’s been incorporated into production design.” Combined with the other unique design elements of the F-22 – stealth, supercruise and integrated avionics – it transforms air superiority into air dominance.

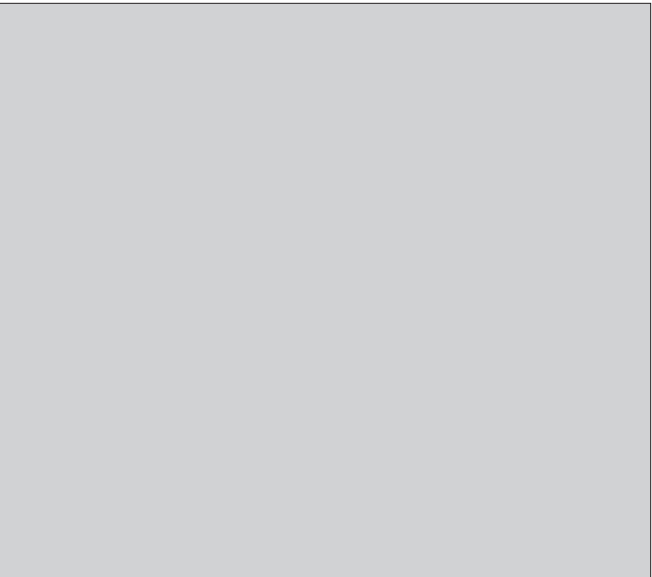
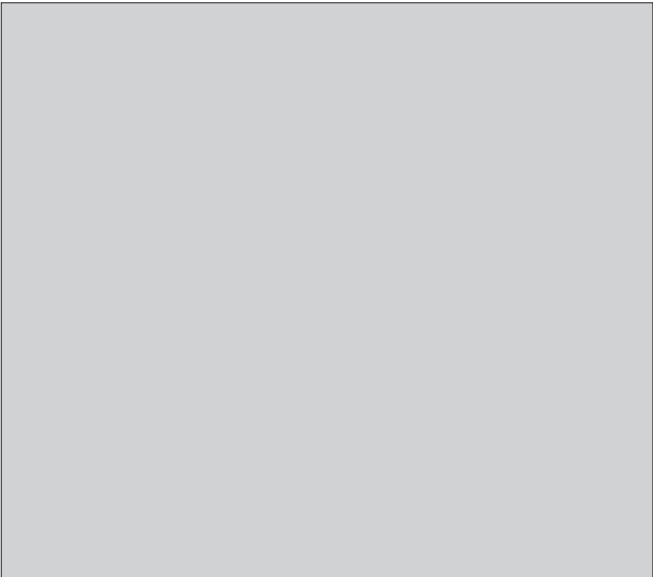
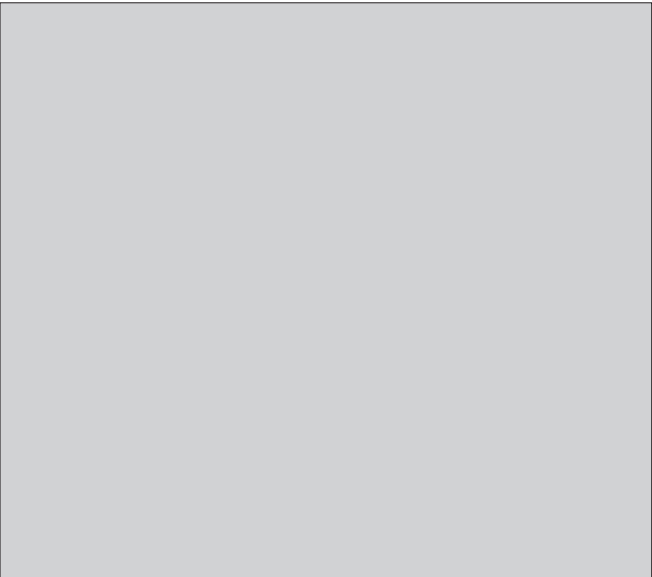
“These characteristics will allow the F-22 to enable several transformational warfighting capabilities – a true 24-hour stealth capability – enabling other U.S. military and coalition forces, and a network centric capability to disseminate information across multiple lesser capable assets,” Mr. Luedke said. “From the pilot’s perspective, they will give the Raptor pilots the element of surprise and allow them to pick and choose the fights with significant tactical advantage.”

After all, pilots are no different than anyone else. No one wants to be in a knife fight. But if the fight is inevitable, it’s better to be wielding a sword than a penknife.



2nd Lt. Albert Bosco

The F-22 undergoes climatic testing at Eglin Air Force Base, Fla., McKinley Climatic Lab test facility.



Reorganization demystified

2ND LT. RYAN FITZGERALD
325th Fighter Wing public affairs

The 325th Fighter Wing was reorganized last Friday as part of an Air Force-wide initiative in a ceremony here in Hangar 2.

The reorganization was directed by the Chief of Staff of the Air Force, Gen. John Jumper, who mandated the new combat wing organization. The change resulted in standing up a

maintenance group and a mission support group, while standing down the logistics and support groups.

“Under the new combat wing, operations groups will focus on the basic mission to fly, fight and win. Maintenance groups will focus on providing mission-capable weapons systems and sortie production,” said Brig. Gen. Larry New, 325th Fighter Wing commander.

“Mission support groups will focus on rapid deployment, beddown and sustainment of our forces while continuing to support home base operations. Medical groups will focus on keeping us fit.”

The 325th saw not only the redesignation of the two groups, but the addition of a new 325th Aircraft Maintenance Squadron and the realigning of the logistics support squadron under the new maintenance group, with a new name, the 325th Maintenance Operations Squadron.

“Just as successful sports teams and corporations continually change to remain competitive, we must change to maintain our mission effectiveness and status as the world’s premiere air force,” General New said.

“A well-designed air force needs to be flexible for the future as well as fit for and ready to meet the demands of the present,” he said. “Flexibility has always been a tenet of our air force doctrine. It will remain so in the future. The reorganization will be a great opportunity to meet today’s and tomorrow’s challenges along functional lines, and provide a more capable force, better able to meet the increased demands of our service.”

See organizational chart on Page 15.

OSS sergeant merits honors

TECH. SGT. DAN NEELY
325th Fighter Wing public affairs

A 325th Operations Support Squadron NCO has garnered his career field’s top recognition. Staff Sgt. Karyn Argueta, NCO in charge, OSS commander support staff, recently earned honors as 2001 Air Force Personnel Manager of the Year, Category III-C.

“I was definitely surprised,” said Sergeant Argueta when asked for his reaction to the news, “and I’m definitely very thankful to my supervisor for putting me in for this award.”

The sergeant was also quick to spread the praise elsewhere throughout his unit.

“You have to have a great supporting cast – I have a great wife who always supports me in everything I do, and great coworkers, plus this is a great place to work,” he said.

Sergeant Argueta, a Miami native, is responsible for the management of all commander support staff and personnel functions for more than 350 members of OSS and the 325th Operations Group staff.

“Sergeant Argueta has been a standout performer since the day he arrived to the Silver Knights,” said Lt. Col. Steve Wallender, 325th OSS commander. “The OSS is probably the most diverse squadron in the fighter wing. Karyn provides support to more than 300 personnel, in approximately 20 different AFSCs, and I never have to worry about my personnel programs. He always anticipates problem areas and formulates solutions that are right on the mark.”

Sergeant Argueta helped develop and implement an automated suspense accounting system for officer and enlisted performance re-

ports, awards and decorations. The new program eliminated a history of correspondence logjams, processing more than 400 reports and decorations with a 99 percent on-time result.

“If the mission requires Karyn to work until 6 or 7 p.m., you can expect to find him there until it’s complete,” said 1st Lt. David Olinger, 325th OSS section commander. “I can’t say enough about Karyn’s dedication to the success of the mission. He is the total package and constantly displays all the Air Force core values in whatever he does. He is very open minded and very receptive to change.

“With Karyn, you never have to ask twice, with him it’s ‘fire and forget it,’” Lieutenant Olinger continued.



Staff Sgt. Karyn Argueta

*325th Operations Support Squadron
NCOIC, Commander Support Staff*

Time on station: 4 years, 6 months

Hometown: Miami

Family: Spouse, Vivian

Education: Pursuing bachelor’s degree in education

Goals: Completing my degree and becoming a commissioned officer

●FROM CONGRATULATIONS PAGE 2

Fighter Squadron operations officer. It was announced this week that he will soon become commander of the Air Force's first F-22 squadron, which will be designated the 43rd Fighter Squadron.

The squadron officially stands up in October with Colonel Harrigian assuming his leadership role that same day. This is an exciting moment for the Checkertail Clan and all of Team Tyndall as the 325th FW, Colonel Harrigian, the 43rd FS and the Raptor begin to make their unique contributions to our rich Air Force history. Other Tyndall people selected to the F-22 pilot cadre are Lt. Col. Leigh "Lee Bob" Hinkle, 325th Fighter Wing F-22 Integration Office chief; Capt. Orlando Sanchez, Jr. and Capt Thomas Shank, 2nd Fighter Squadron. Capt Lawrence Spinetta, 1st Fighter Squadron, was selected as an alternate. Congratulations to all. Be sure to pick up a copy of the *Gulf Defender* for future updates on the squadron standup and arrival of our first F-22.

Before I close, I wanted to alert you to some very disturbing highway casualty statistics in our area, and how Tyndall AFB will be joining forces with local and state law enforcement agencies to help deal with this serious problem.

According to the Florida Highway Patrol, from 1999 through June of this year, 86 people have died in traffic crashes on U.S. Hwy 98 in Northwest Florida. In 1999, 19 people died, in 2000 and 2001 24 died,

and in just the first six months of 2002, there have already been 19 deaths on this highway that bisects our base.

Closer to home, Bay County had 10 Highway 98 traffic deaths in all of 2001, and in just the first six months of this year nine people lost their lives. Last week, law enforcement agencies throughout Northwest Florida jointly announced "Strike Force 98," an initiative aimed at making this highway a safer place to drive. Special emphasis will be placed on violations concerning driving under the influence, unlawful speed, aggressive driving, safety belt and child restraint violations. These law enforcement agencies will be beefing up their enforcement tactics along this route, with advance public notification channeled through the news media.

Simply put, I hope all Team Tyndall motorists will heed these increased enforcement messages in the spirit in which they were ultimately intended — to save lives. I strongly urge you to always obey posted speed limits and use extra caution when weather and other conditions make for more hazardous driving. NEVER attempt to drive if you've been drinking, or if you are tired, and ALWAYS wear your seat belt. We have programs in place at Tyndall, such as Airmen Against Drunk Driving at 867-2233, to pick you up if you are not in a condition to drive.

With proper judgment and common sense, we won't need to see another motorist added on to these already sky-high statistics. Please be safe. Have a great week!

Countering terrorism requires everyone's help

You can make significant difference in war on terror

Only *you* know who or what belongs — or doesn't belong — in your building, neighborhood or work center.

Recognition of this fact is behind one of the latest Air Force antiterrorism initiatives, a program known as "Eagle Eyes." The program will be used to supplement existing neighborhood-watch programs, and Air Force officials consider it a key piece in the service's antiterrorism strategy.

According to Special Agent

Corey Christman of Det. 419, Air Force Office of Special Investigations, the program takes its cue from the experiences of British and Israeli authorities, who have significant experience dealing with urban terrorism. "They make it their business to pay a lot of attention to small things that, in combination, can indicate they're being targeted," Agent Christman said. "Eagle Eyes is our model for doing just that. The simple act of recognizing suspicious behavior and reporting it to local law en-

forcement or base authorities, as appropriate, could thwart terrorist acts and save lives."

At Tyndall Air Force Base, anyone with information to report should immediately call the 325th Security Forces Squadron desk sergeant at 283-2254. Security forces will respond as appropriate to the immediate situation and pass prudent information to AFOSI Det. 419. Those individuals residing within the local communities surrounding Tyndall AFB, should contact their servicing

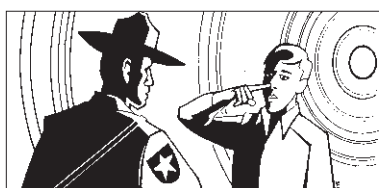
police department in order to report any suspicious activities or call 911 in case of an emergency. AFOSI will begin appropriate follow-up action, which may include talking with the individual who initially reported the information to law enforcement personnel.

At the same time, reported information will be upchannelled to AFOSI's central analytical center to compare with other Air Force reports, as well as similar information from the Army, Navy and other fed-

eral agencies. "Every terrorist operation is preceded by precursor events that people need to recognize and report," said Agent Christman. "Terrorist acts don't just happen — they are carefully planned and rehearsed many times in advance."

The key is public awareness of what to look for and take note of — both on and off base. "This is something the whole community needs to be involved in. Anyone — from

●SEE EAGLE EYES PAGE 15



**Think
before
you
drink.**

There's only one way
to come out ahead
of the pack.

QUIT

 **American Heart
Association**
WE'RE FIGHTING FOR
YOUR LIFE

Checkertail Salute



Lisa Carroll

Sergeant Correia is awarded the Checkertail Salute Warrior of the Week award by Col. Doug Cochran, 325th Fighter Wing vice commander.

The Checkertail Clan salutes Sergeant Correia who spearheaded the reorganization of the commander's support staff. He also trained newly assigned staff and ensured strict compliance with all governing regulations.

Tech. Sgt. Shane Correia

Unit: 1st Fighter Squadron
Duty title: Noncommissioned officer in charge of commander's support staff
Time on station: 3.5 years
Time in service: 13 years
Hometown: Portsmouth, R.I.
Hobbies: Playing guitar, reading, video games
Goals: Earn a master of divinity degree and become a preacher.
Favorite thing about Tyndall: Many opportunities to play beach volleyball
Pet peeves: People who are inflexible when it comes to change.
Favorite book: The Bible
Favorite movie: "The Godfather"

AIR FORCE RESEARCH LAB APPLIES ROBOTIC TECHNOLOGY

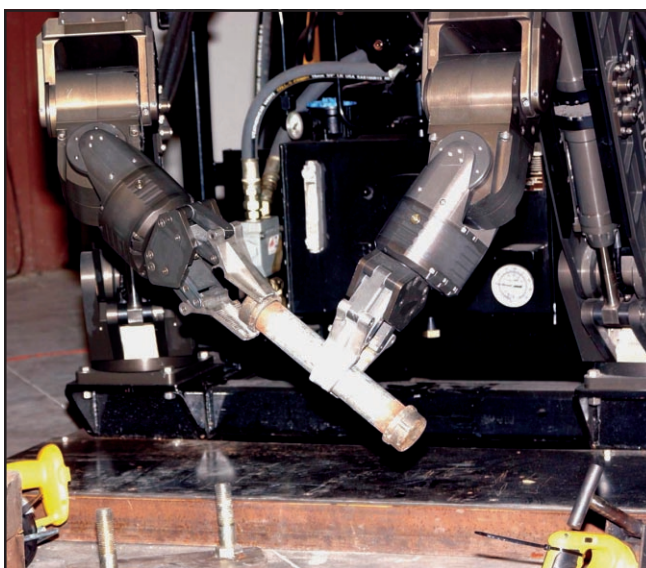
2ND LT. ALBERT BOSCO
325th Fighter Wing public affairs

On June 25, 1996, the military community was devastated to learn about the Khobar Towers incident in which several American military personnel were killed and many more injured, including Saudi Arabian civilians. Following this tragic event, Air Force officials identified a need for the ability to safely remove or disable terrorist explosive devices, called improvised explosive devices, from suspect vehicles remotely. Systems at that time were too small to remove IEDs from an area, so the Air Force Research Laboratory's Airbase Technologies Division at Tyndall Air Force Base began working on alternatives. The end result is a robotic system known as

the All-purpose Remote Transport System.

ARTS is basically a commercially available landscaping tractor, produced by All Seasons Vehicles, with a robotics upgrade developed by the research lab and manufactured by Applied Research Associates. In its infancy, ARTS was designed to use a set of forks for picking up and moving suspect vehicles. Additionally, a high velocity water cannon was developed to gain access and disable terrorist devices. Today, however, ARTS has gone through many changes and improved technology has paved the way for new applications for this unique system.

While explosive ordnance disposal personnel are busy locating and disposing of hazardous material, such as unexploded



2nd Lt. Albert Bosco

ARMS demonstrates its ability to dismantle a simulated pipebomb.

munitions, the research lab at Tyndall is busy finding new ways for the EOD troops to accomplish their mission in a safer manner. "Our goal is to develop technologies to protect, support, and augment the war fighter," said Sue Hamner, research lab science and technology infor-

mation coordinator. "We base our developments on user feedback and requirements, and cost-effective solutions, while also taking into consideration agile combat support contingency missions."

There are several projects currently being developed at the research lab, such as a set of robotic arms that, once attached to the ARTS, can be used to remotely manipulate nearly any object a human can physically manipulate. This system is aptly named Articulated Remote Manipulation System, or ARMS, and features dual "joysticks" on moveable arms that the operator uses to control the robotic arms. The arms are also pressure sensitive and provide sensory feedback to the user via the joysticks.

Manipulation is achieved by viewing the working area via a monitor that receives real time imagery from a camera mounted on the ARTS. Other EOD related projects include high-velocity water cannons, lasers, and even rifles that

can be mounted on the ARTS as separate attachments. These attachments are known as Stand-off Munitions Disruption, or SMUD, devices and are used to disrupt or detonate explosive devices. Additionally, a skid has been developed that will allow ARTS to "carry" the EOD's current robot, the Mark VI, into an environment that would otherwise be inaccessible to the system.

One of the latest research lab developments is a munitions clearing attachment designed for ARTS. The brainchild of Brian Skibba, research lab robotics project manager at Tyndall, the attachment is a commercially available "power rake" that has been modified to dig up ordnance, such as mines and grenades. According to Mr. Skibba, the attachment enables EOD personnel to clear larger areas more precisely and quickly.

"There are systems available right now, such as the Joint Project Office 'mini-flail' system, but it is more expensive and offered as a stand alone unit rather than an attachment," said Mr. Skibba.

Currently, the ARTS "power rake" is undergoing testing at Tyndall to determine its suitability for mine clearance. "The system is undergoing initial testing in a controlled environment to determine concept feasibility," said Ms. Hamner. "As the project evolves, more extensive testing will be performed under various conditions to simulate real-world scenarios."

"There is a definite need

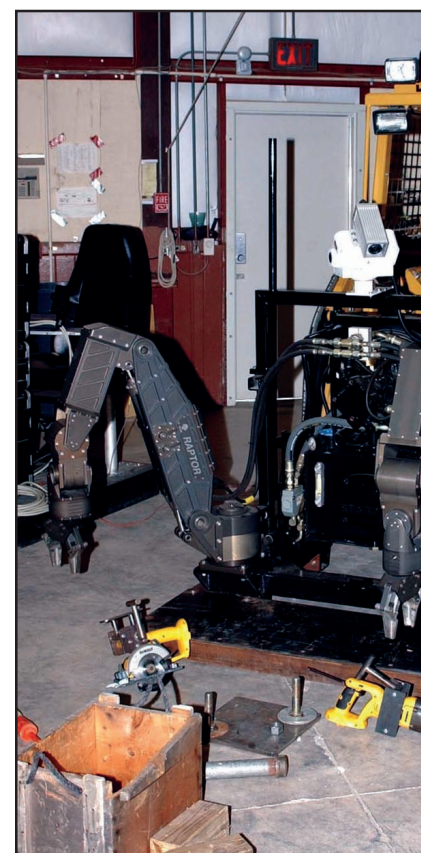
for an immediate clearance vehicle," said Marshall "Doc" Dutton, Applied Research Associates program manager for EOD applications. "This attachment has a definite range clearance application, but also applications in EOD as well." The differences between this system and the "flail" systems, pointed out Mr. Skibba, is that "flail" systems are used to "beat" ordnance with chains (or flails), whereas the power rake can dig up ordnance. What this means is that live ordnance is almost sure to be detonated by a "flail," whereas the "power rake" will safely turn the soil to reveal the device, thus allowing personnel to safely remove or disable it without damaging the system. Additionally, the "power rake" assembly is offered as a bolt-on attachment that costs \$15K compared to

\$75K flail" JPO "Fur video flail" ited t 1,000 ARTS video tors to at dis miles. "Th beca munit with a that is pensi "This mone of the age." Haga direct althou tende ordna and g cessfi



Courtesy photo

With its 'power rake' attachment, the ARTS system can clear explosives from the battlefield.



ARTS shown with the ARMS attachment

are

OGY TO MISSION

for the ARTS “mini-
and \$200K for the
mini-flail.”

Furthermore, there is no
feed from the “mini-
system, so use is lim-
to a visual range of
0 feet, whereas the
S utilizes real time
feed to allow opera-
to complete their tasks
distances up to three

is system is unique
use we can extract
ions 4 to 8 inches deep
a piece of equipment
s lighter and less ex-
ve,” said Mr. Skibba.
saves the Air Force
y and reduces the size
e deployment pack-

Similarly, John
n, research lab test
tor, pointed out that
ugh the system’s in-
use is for smaller
nce, such as mines
grenades, it has suc-
fully dug up anti-tank

mines at a depth of 8
inches.

ARTS recently under-
went live ordnance testing
at Tyndall’s research lab
test range. Various pieces
of live ordnance were
detonated near sensitive
parts of the system to de-
termine the type and
amount of damage it could
sustain. The results, ac-
cording to Mr. Skibba,
were favorable. During
one test, a hand grenade
was placed under the front
tire of the rake assembly
and detonated. The tire,
consisting of a rim and thick
rubber sheets pressed to-
gether only costs \$25, but
proved to be worth more
than that during the testing.
The resulting damage from
the grenade blast was mini-
mal. In fact, Mr. Skibba
said, “we probably could
have repeated this test six
or seven times and the
wheel would still have
worked, whereas any other
tire would have been de-
stroyed.”

During the testing of any
system, engineers and
project managers are typi-
cally hesitant about placing
their test subject in harm’s
way due to the expensive
nature of their machines.
Ironically, Mr. Skibba and
his team are willing to put
their system through any
test to ensure the safety of
the personnel who will be
operating it.

“We want to create a re-
alistic test environment and
different explosives do dif-
ferent things,” Mr. Skibba
said. “We don’t want to lose
a test vehicle, but because
of the minimal cost of the
equipment, we can test this
system to equipment failure
if we want to.”



2nd Lt. Albert Bosco

Steve Blackmon demonstrates the versatility of ARMS.

With the successes
achieved by the team and
the ARTS “power rake” at
Tyndall, the research lab is
preparing to take their sys-

tem on the road. Further
testing will consist of “real
world” application at Nellis
Air Force Base where it
will be used to clear sub-

munitions from the Nellis
range, followed by testing
at Hill Air Force Base
where it will be put through
its paces clearing munitions

fuse caps from their range.
If the testing continues to
be successful, the power
rake system could be op-
erational within two years.



2nd Lt. Albert Bosco

achment.

Rumsfeld submits report to Congress

LINDA KOZARYN
American Forces Press Service

WASHINGTON—New threats call for a new approach to defense and highlight the need to transform the nation's armed forces "now," Defense Secretary Donald Rumsfeld told the president and Congress in his annual report.

The United States is in a new, dangerous period, Secretary Rumsfeld said in the report, posted recently at www.defenselink.mil/exe/csec/adr2002/index.htm. "The historical insularity of the United States has given way to an era of new vulnerabilities," he said.

"Current and future enemies will seek to strike the United States and U.S. forces in novel and surprising ways," the secretary said. "As a result, the United States faces a new imperative: It must both win the present war against terrorism and prepare now for future wars — wars notably different from those of the past century and even from the current conflict.

"America will inevitably be surprised again by new adversaries striking in unexpected ways," he said.

"Surprise and uncertainty" define the Defense Department's challenge to defend the nation against "the unknown, the unseen and the unexpected," he said. Now is precisely the

time to make changes," he said. "The attacks on Sept. 11 lent urgency to this endeavor."

Prior to the terrorist attack, Secretary Rumsfeld noted, defense officials had already completed the Quadrennial Defense Review and were fashioning a new approach to defense. That included a new defense strategy, replacing the two major theater war constructs, and revitalizing the missile defense program free of the constraints of the Anti-Ballistic Missile Treaty.

Defense officials had also reorganized the department to focus on space capabilities and fashioned a new Unified Command Plan to enhance homeland defense and to speed up transformation. Defense officials had also adopted a new approach to strategic deterrence to increase security while reducing the number of strategic nuclear weapons.

Much has been achieved, the secretary said, even in the midst of fighting a war on terrorism. "Not a bad start for a department that historically has had a reputation for resisting change," he noted.

Secretary Rumsfeld said the military now has six operational goals:

- Protect the U.S. homeland and defeat weapons of mass destruction and their means of delivery.

- Project and sustain power in distant anti-access and area-denial environments.

- Deny enemy sanctuary by developing capabilities for persistent surveillance, tracking and rapid engagement.

- Leverage information technologies and innovative network-centric concepts to link joint forces.

- Protect information systems from attack.

- Maintain unhindered access to space and protect U.S. space capabilities from enemy attack.

"These six goals represent the operational focus for our efforts to transform the U.S. armed forces," Secretary Rumsfeld said. Over the next decade, he continued, defense officials will transform some forces to "serve as a vanguard and signal of the changes to come."

Ground forces will be lighter and more lethal than today; they'll be highly mobile and capable of being inserted far from traditional ports and air bases; and they will be networked with long-range, precision-strike systems, he said.

Naval and amphibious forces will be able to operate close to an enemy's shores and project power deep inland, he said. Air forces will be able to locate and track mobile enemy targets and strike rapidly at long ranges without warning, he added.

"The joint force," Secretary Rumsfeld noted, "will be networked in order to conduct highly complex and distributed operations over vast distances and in space."

Over the past decade, he said, the department invested too little in its people, equipment and infrastructure. The new defense approach defines and calls for balancing four risk areas:

- Force management risk — results from issues affecting the ability to recruit, retain, train and equip sufficient numbers of quality personnel and to sustain readiness of the force while it performs operational tasks.

- Operational risk — stems from factors shaping the ability to achieve military objectives in a near-term conflict or other contingency.

- Future challenges risk — derives from issues affecting the ability to invest in new capabilities and to develop new operational concepts needed to dissuade or defeat mid- to long-term military challenges.

- Institutional risk — results from factors affecting the ability to develop management practices, processes, standards and controls that use resources efficiently and promote the effective operation of the defense establishment.

Focusing on these four

● **SEE REPORT PAGE 11**



**Think
before
you
drink.**



Lt. Col. Mark Amidon was soaked upon completion of his flight when he broke the 3,000 hour milestone.

●FROM FLIGHT PAGE 1

The F-15 Eagle has been an air superiority asset for 30 years, though it has gone through many changes since its birth. “The F-15 I first flew in 1984 was very different, in terms of capability, than the aircraft I flew yesterday,” Colonel Amidon said. “The airplane still looks the same, but its performance has

changed so much.”

While technological advances are attributed to the longevity and success of the F-15, the daily maintenance performed by the men and women assigned to F-15 units is key to the pilot’s ability to continue flying and fighting. “It was great to know that the airplane I was flying is so well taken care of,” Colonel Amidon

said. Following his historic flight, the Amidon family eagerly awaited the colonel’s return on the flightline where his wife, Dawn, and their twin 11-year-old sons, Matthew and Michael, waited at the controls of a fire hose. “My family had a great laugh,” Colonel Amidon said. “My sons especially took great pleasure at chasing me with the hose. This experience has been obviously been tremendous and satisfying.” Colonel Amidon is hoping to remain a member of Team Tyndall for years to come and looks forward to continuing to work with the men and women who have made it possible for him to achieve this milestone.

●FROM F-22 PAGE 1

Initial qualification in the F-22 Raptor for Colonel Harrigian and other pilots selected will take place at Nellis Air Force Base, Nev.

“A lot depends on when Nellis gets their first jets,” Colonel Harrigian said. “Regardless, we’ll be ready when we get our first jet next year.”

Once the tasks associated with standing up the unit are complete, Colonel Harrigian sees the next challenge in preparing for the unique training requirements for the Raptor.

“Initially we’ll probably use the framework we use for training in the Eagle, then come up with appropriate tasks and building blocks for training in a new aircraft,” the colonel said.

Other pilots selected to fly the F-22 are:
Capt. Thomas Shank, 2nd FS
Capt. Orlando Sanchez, Jr., 2nd FS, Operational Test and Evaluation pilot

●FROM REPORT PAGE 10

areas will help the department set priorities and allocate resources, Secretary Rumsfeld said. “The Department of Defense must wisely allocate resources and structure programs to

create a portfolio of capabilities that is balanced appropriately for the variety of challenges we face,” he said. The department’s immediate task, he said, is to stop erosion in capabilities caused by underinvestment during

the past decade. “The current budget request focuses on this task while seeking additional investments to put the armed forces on a path to reducing and managing all four categories of risk,” he concluded.

Capt. Lawrence Spinetta, 1st FS, (alternate)
Currently, the 43rd FS is scheduled to reactivate in October. The 43rd FS was inactivated in 1994 while serving as an air defense unit in Alaska. Its rich history dates back to 1917 when it was first organized as the 43rd Aero Squadron at Camp Kelly, Texas. Its operating locations include England, France, Texas, Panama Canal Zone, MacDill AFB, Clark AB, Philippines, South Vietnam and Alaska.
“This has been a huge week for me and my family,” Colonel Harrigian said. “It is exciting to know that Tyndall will be the home of the Air Force’s first F-22 squadron and that we’ll be able to influence the next generation of fighter pilots. We have a lot of hard work ahead of us but we’re looking forward to the challenge.”

Your link
to what's going on

Gulf

Guide

in the
Tyndall community

AUGUST

SAT

24

Kid's fishing day
A kid's fishing day will be 9 a.m.-noon Saturday on Seminole Lake behind the Sand Dollar Inn. The age limit is 15 and under. Each child should bring one pole and bait. Parents are not allowed to fish. The catch limits are five catfish and two bass per person, with bream unlimited.

MON

26

Anger-management class
The last meeting of the four-session anger-management class will be 1-2:30 p.m. Monday in the life skills support center, Building 1305. For more information, call family advocacy, 283-7272.

Breastfeeding class

A "breastfeeding basics" class will be 3-5 p.m. Monday in the life skills support center, Building 1305. The class provides information for expectant families on the most natural way to nourish their baby. For more information or to sign up, call family advocacy, 283-7272.

TUE

27

Civil Air Patrol meeting
Civil Air Patrol meetings for boys and girls 12 years old and older will be held 6-8:30 p.m. every Tuesday in Building 852. The CAP offers local and national activities with a focus on educational and professional development. For more information, call Capt. Tim Jones, 283-8018, or Master Sgt. Perry Newberry, 283-4189.

First aid training

The American Red Cross will provide classes in cardiopulmonary resuscitation, first aid and AED training every fourth Tuesday and Wednesday of each month at Tyndall. For more information and to register, call the Red Cross, 763-6587.

WED

28

Protestant youth group
The Tyndall Chapel's Protestant Youth Group meets 5-8 p.m. Wednesdays at Chapel 2. For more information, call the Chapel 2 office, 283-2925.

THU

29

Bible study
A weekly Bible study session offered

by the Officer Christian Fellowship and Christian Military Fellowship will be 11:30 a.m.-12:30 p.m. Thursdays in the community activities center. For more information, call Capt. Carma Pauli, 283-7669.

NOTES

Pre-retirement seminars
Three pre-retirement seminars for Civil Service and Federal Employee Retirement System employees will be 8 a.m.-4:30 p.m. Tuesday-Thursday at the Holiday Inn Select on Highway 77, across from the Panama City Mall. These seminars are not just for employees nearing retirement in the immediate future; the seminars provide valuable information for anyone wishing to plan ahead and find out how retirement will interact with Social Security, the Thrift Savings Plan, etc. Spouses are welcome to attend. To sign up for one of the CSRS seminars on Tuesday or Thursday or for the FERS seminar on Wednesday, call 283-8233 or e-mail: anglea.trevino@tyndall.af.mil. Class sizes are limited.

GCCC job opening

The Tyndall office of Gulf Coast Community College has a part-time opening for a work assistant. Applicants must be full-time GCCC students or be receiving a Pell grant. The work hours are 3:30-8:30 p.m. Monday-Thursday. For more information, call 283-4332.

Base chapel needs cookies

Tyndall chaplains who visit the flightline and other base sections on the "God Rock" golf cart are seeking donations of homemade cookies to deliver to troops. Squadrons, groups, clubs, individuals and spouses are invited to drop off cookies 7:30 a.m.-4:30 p.m. Monday-Friday at Chapel Two for this outreach ministry. Cookies should be placed in zip-lock bags – two cookies per bag.

Base housing carpet cleaning

Effective immediately, all base residents are no longer required to have carpeting professionally cleaned. The maintenance contractor will be cleaning the carpeting during change-of-occupancy maintenance. Residents are still responsible for the care of the carpet and will be required to pay for carpet damage that is beyond fair wear and tear. For more information, call Mary Ann Barbieri, 283-8140 or 283-8141.

Florida Air Force Retiree Council vacancy

Nominations are being accepted for the Florida (Area 10) Air

Force Retiree Council seat. Retired Col. Ron Buchert will vacate the seat in June 2003. Council members serve a four-year term. The council members serve as the Air Force Chief of Staff's personal liaison with the retiree community, visiting retiree activities offices throughout the state and ensuring support for retiree activities is adequate. Applications should be sent to 325th FW/PA, 445 Suwannee Ave, Tyndall AFB FL 32403. For full job descriptions, please call 283-2984 or 283-2937.

RETIREE NEWS

Retired and Annuity Pay changes

The consolidation of the Retired and Annuity Pay operation in Cleveland, Ohio, will provide more efficient processing of Retired Pay casualty notifications and Annuity Pay establishments. The consolidation also provides for an expansion of customer service hours for annuitants. Annuitants can now speak to customer service representatives 7 a.m.-7:30 p.m. Monday-Friday. Customers should be prepared to provide their Social Security Number or spouse's SSN in the case of annuitants. To contact the Defense Finance and Accounting Service Cleveland, call (800) 321-1080. Retirees can fax their requests to (800) 469-6559; annuitants can fax requests to (800) 982-8459. Pay inquiries can also be e-mailed by going to: www.dfas.mil and clicking on "Contact DFAS."

Another project designed to improve customer service is the relocation of mail-handling operations to London, Ky. This change ensures the rapid handling of all incoming mail, which results in faster customer responses. Effective Sept. 1, retirees should use the following address: Defense Finance and Accounting Service, U.S. Military Retirement Pay, P.O. Box 7130, London, KY, 40741-7130. As of Aug. 1, annuitants should use: Defense Finance and Accounting Service, U.S. Military Annuity Pay, P.O. Box 7131, London, KY, 40742-7131. Customers should submit copies rather than original documents, when warranted, since the original correspondence will not be returned. All correspondence should contain the retiree's or annuitant's Social Security Number.

YARD SALES

The following yard sales are scheduled for Saturday: 2842-B Phantom Drive and 3626-B Kisling Loop. All yard sales are held between 8 a.m.-4 p.m.

BASE THEATER

Today: "Lilo and Stitch" (PG)
Saturday: 2 p.m. "Lilo and Stitch"
7 p.m. "Reign of Fire" (PG-13)
Sunday: "Crocodile Hunter" (PG)
Thursday: "Reign of Fire"

All movies start at 7 p.m.

CLASSIFIEDS

Pioneer complete Home theater system receiver, front, rear and center speakers and powered sub woofer, \$200 OBO; Polk Audio bookshelf speaker \$100 OBO; some Play Station 2 games; call for more information, 286-9772.

Air Force women sweep Armed Forces softball tourney

NAVY PETTY OFFICER 2ND CLASS MIKE JONES
Naval Air Station Jacksonville public affairs

NAVAL AIR STATION JACKSONVILLE, Fla. (AFPN) — The overcast skies and occasional sprinkles couldn't dampen the spirits of the military women's softball teams when they met Aug. 7-9 for the 2002 Armed Forces Women's Softball Championship.

The Air Force team dominated the field, sweeping the series 9-0 and taking first place from the defending champion Army squad.

Led by head coach Master Sgt. William Hardy of Keesler Air Force Base, Miss., and his assistant, Master Sgt. Mark Asbury, Eglin AFB, Fla., the team snared the lead in a 26-13 win over Navy in Game 1. Thanks to a coordinated outfield and several homers by Senior Airman Monica Everett, Moody AFB, Ga., the group remained unde-



Navy Petty Officer 2nd Class Eric Clay

Navy Petty Officer 3rd Class Sara Nolen, Naval Air Station Key West, Fla., slides safely into second base as Airman 1st Class Autumn Brown catches the ball during the 2002 Armed Forces Women's Softball Championship Tournament Aug. 7 to 9 at Naval Air Station Jacksonville, Fla. The Air Force swept the tournament with a record of 9-0.

feated in the tournament.

The Army team, led by head coach Gerald Corcoran, York, Pa., took second place overall at 4-5. The Marine Corps team, coached by Master Gunnery Sgt. Dave Heald of

Camp Lejeune, N.C., went 3-6 and Navy, behind Master Chief Petty Officer Jim Butters, Afloat Training Group, Naval Station Mayport, Miss., rounded out the field at 2-7.

"Our hitting has kept us

in the game. It's made the difference," said Air Force Tech. Sgt. Rhonda Hayes, Tyndall AFB, Fla. "We played well as a team. We have excellent talent."

The chance to compete against members of the

other services made the event worthwhile, said Marine Lance Cpl. Miranda Hamby of Camp Geiger, N.C. "No matter what the outcome, we've worked really hard. We get along really well. It was a great experience."

"We played awesome," remarked Navy Petty Officer 2nd Class Ashley Camp, USS Ronald Reagan. "We'll all keep in touch."

Chosen for the all-tournament team in each position were pitcher, Air Force Staff Sgt. Laurie Doughty, Fort Bragg, N.C.; catcher, Army Sgt. 1st Class Lucy Geidner, Alexandria, Va.; first base, Tschache; second base, Air Force Airman 1st Class Autumn Brown, Kirtland AFB, N.M.; third base, Carr; and shortstop, Air Force Senior Master Sgt. Cheryl Trapnell, Hurlburt Field, Fla.

Outfielders chosen were Watkins; Air Force Staff Sgt. Karrie Warren, Tyndall AFB; Everett; and Air

Force Senior Airman Toni Owens, McChord AFB, Wash. Air Force Capt. Marcy May of MacDill AFB, Fla. was named as an extra hitter.

Service representatives picked 15 of the players for an armed forces team that competed Aug. 15 to 18 at the National Women's Championships in Tifton, Ga.

Members of the armed forces softball team are Doughty, Geidner, Brown, Carr, Trapnell, Owens, Watkins, Bommer and May; Army Sgt. Michelle Saunders, Schofield Barracks, Hawaii; Air Force Airman 1st Class Virginia Gowin, Hurlburt Field; Army 2nd Lt. Kendra Allen, Camp Carroll, South Korea; Army Sgt. Michelle Murga, Hickam AFB, Hawaii; Army Staff Sgt. Charisa Jordan, Kaiserslautern, Germany; and Army 1st Lt. Angie Diebal, Fort Hood, Texas. Corcoran was named head coach and Asbury, the assistant coach.



photos by Lisa Carroll

John Pipkin shows off a 40-pound grouper.

Spearfishing tourney snags huge catches

COMPILED BY 325TH FIGHTER WING PUBLIC AFFAIRS

The 32nd Annual Tyndall Yacht Club Spearfishing Tournament was held Aug. 16-18, and contestants netted more than 1,500 pounds of fish.

The top individual winners in each category were as follows:

Billy Gainous with a 73.2-pound amberjack; Eric Jones with a 38-pound barracuda; D.J. Moore with a 38 pound cobia; George Kolias with a 4.7-pound flounder; Clint Ilse with a 14.4-pound grouper (slot 14); John Pipkin with a

5.4-pound sheepshead; Rich Riel with a 10.1-pound snapper (slot 10); John Pipkin with a 5.2-pound triggerfish; Tim Hair with an 8.5-pound spiny lobster; and John Pipkin with a 2.2-pound shovel-nose lobster.

In the team division, Deep Sea Bandits took first place with 33 points. The team consisted of Tiffiney Duncan, Clint Illes and John Pipkin.

The tournament's king and queen were John Pipkin with 19 points and D.J. Moore with 11 points, respectively.



Tim Hair showcases his 8.5-pound spiny lobster.



Funshine NEWS

August 23, 2002

This page is produced by the 325th Services Marketing office, 283-4565.

YES! *Membership Pays!*
Here's How...

All Ranks Super Sunday Brunch!

Officers Club

August 25, 10 a.m.-1 p.m.

\$6.95 Members \$8.95 Non-members
Champagne Available - add \$3

Menu Includes:

Omelets (made to order)	Fresh Fruit
Belgian Waffles	Muffins
Sausage	Danish
Bacon	Biscuits & Gravy
Hash Browns	

283-4357

All Ranks Retiree Appreciation Night

at the O Club August 23
25% discount on all entrees

283-4357

Tyndall Enlisted Club Steak-Out Zone Every Friday

5:30-8:30 p.m.

Only \$5.95

featuring: cole slaw
steak
potato salad

283-4357 for details

All Ranks Every Wednesday at the O Club Family Night Buffet

5:30-7:30 p.m. \$6.95

Children 6-11 \$4.95 5 and under eat free

Visit your club where your satisfaction
is guaranteed! If you are unhappy with your
club experience just talk to your club manager.

283-4357

2nd Annual All Ranks

Medieval Banquet

(Members only)
September 28

Marina Club

☎ 283-3059

Pontoon Boat Rentals

Full day rental only \$95.

Sunday Breakfast

The Marina is open for breakfast every
Sun. 7:30-10 a.m.

Seafood Lunch Buffet

All-You-Can-Eat only \$6.50, including
soft drink. Every Fri. 11 a.m.-2 p.m.

Scuba Lessons

Open water certifications: \$125.

Bowling Center

☎ 283-2380

Fall Leagues Meeting

Tue. Night Mixed: Aug. 27, 6 p.m.

Wed. Night Mixed: Aug. 28, 6:30 p.m.

Fri. Night Mixed: Aug. 30, 6:30 p.m.

Call for details about the Sunday night
"ball league" meeting.

Skills Development Ctr.

☎ 283-4511

Framing Class

Available on Thurs. 5-7 p.m. Costs \$30
which includes 8x10 frame supplies.
Must preregister for class.

Volunteers Needed

Volunteers are needed in the auto
hobby and wood shops. Please call Ray
at 283-4511 for more information.

Altitude with Attitude

Join the Aero Club by the end
of Aug. 2002 & you could win:

- \$100 flight scholarship
- SoftComm C-90 Headset
- \$84 Proficiency Flight Scholarship
- \$100 toward flight time

(awarded to pilot with most monthly hours)

Call 283-4404 for details.

Skills Development Center

Entries accepted Aug. 1- Sept. 1

Annual AF Contests

Artist Craftsman Categories Include:

- Fine Art ■
- Textile Art ■
- Industrial Art ■
- Multicrafts/Pattern Art ■

Photo Contest Categories Include:



Monochrome Prints
Color Prints
Color Transparencies
Digital Photos

Call 283-4511 for more information.

Information, Tickets, & Tours

☎ 283-2499

Foley, AL Shopping Trip

Sept. 7. Cost is \$15. Shop til you drop
in many famous outlet stores including
Vanity Fair, Lenox, Mikasa, Liz
Claiborne, Country Collectibles and
many more. Tour departs at 6:30 a.m.
and returns at 8 p.m.

Tallahassee: History and Shopping Trip

Sept. 12. Tallahassee history and
shopping cost per person is \$10 and is
due upon sign up. Depart at 8 a.m. and
return by 5 p.m.

Vet Clinic

☎ 283-4511

Labor Day Hours

The vet clinic will be open on Aug. 30,
8 a.m.-4 p.m. for non-clinic purposes.
We will be closed on Labor Day.

Community Activities Center Pigskin Picks

First Heat: Sept. 1 - Oct. 19

Entries must arrive at the CAC by 5 p.m.

Friday preceding the weekend games.

(Thursday games do not count.)

Sponsored in part by:

AAFES, Hodge Barb-Que & The Chefs Shop.

No federal endorsement
of sponsors intended.

Call for more information:

283-2495

FREE AEROBICS CLASSES

available at the

Tyndall Fitness Center

The New Energy team of instructors offers
a large variety of classes.

- Cardio-Kickboxing at beginning level
- muscle fit ■ advanced step
- basic step ■ Butts-n-Guts ■ hi-low

Work at your own fitness level, and
remember to have fun!

Call 283-2631 for more information

Pool Hours

We will sponsor Customer
Appreciation for the month of
September. All pool activities
are Free, except for pool parties.

Hours:

Fitness (Lap) Swim:

Tues. 6-7:30 a.m.

Wed.-Fri.: 6-7:30 a.m.,

11 a.m.-2 p.m., 5-6:30 p.m.

Water Aerobics:

Tues., Wed., and Thurs.: 6:30-7:30 p.m.

Open Swim:

Wed.-Sun.: 11:30 a.m.-6:30 p.m.

Pool Parties:

Pool parties can be scheduled:

Fri.-Sat. 7-10 p.m. The last day for
pool parties will be September 27.

For more information call:

283-3199

Bonita Bay Outdoor Rec.

☎ 283-3199

Kayak Classes

\$40 per class. Sept. 15, Oct. 6.

Paintball Course

All volunteers interested in assisting with
the construction of the paintball course
are invited to attend a planning session
on Aug 28 at 2 p.m. in the CAC.

Canoe Trip

August 25. Cost is \$10 per person.

Library

☎ 283-4287

Holiday Hours

Aug. 31: 9 a.m.-6 p.m.

Sept. 1, 2, & 3: Closed

Sept. 4: 9 a.m.-8:15 p.m.

The Sunset Bar

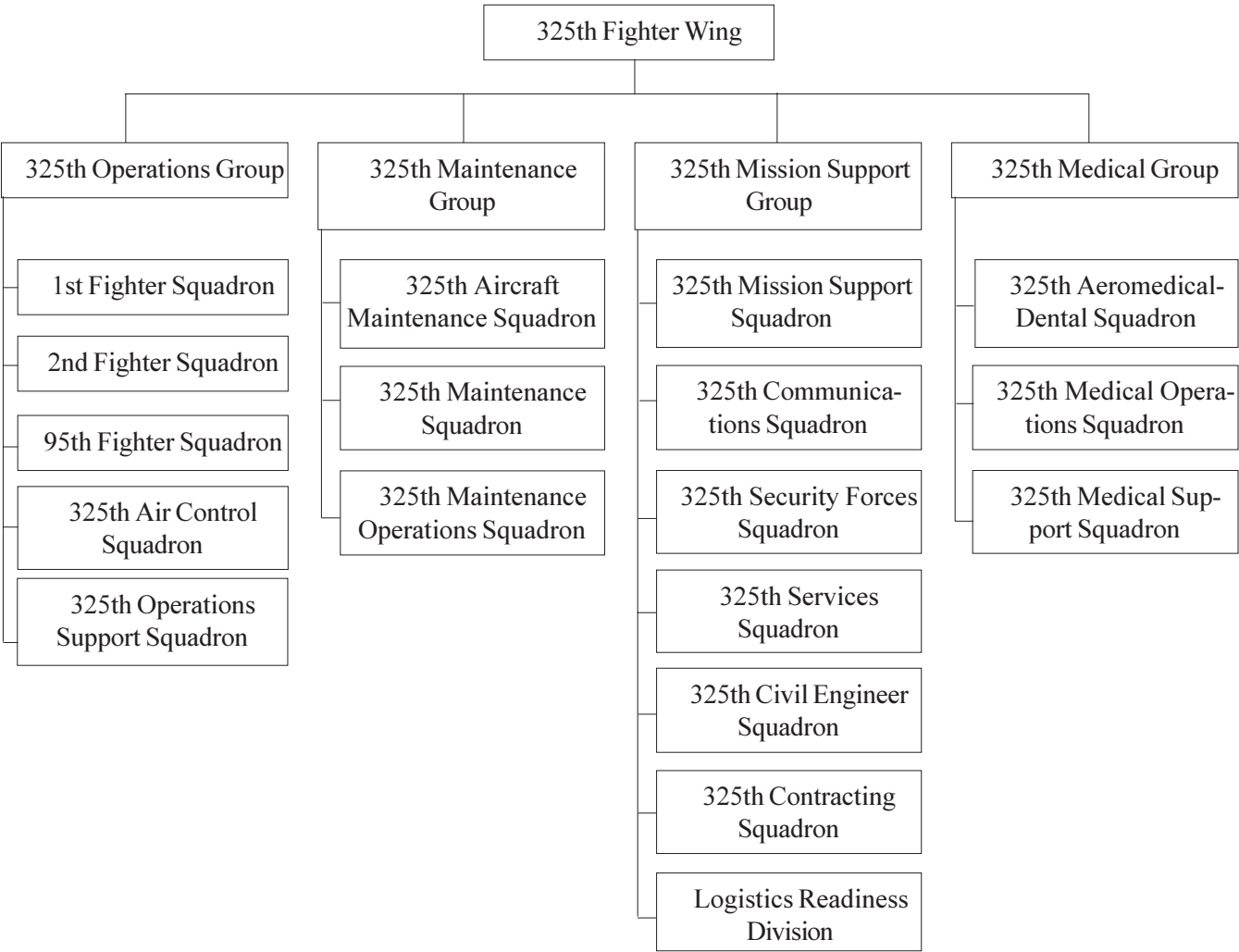
at Pelican Point is open

11 a.m.-5 p.m. Sat. & Sun.

325th Fighter Wing organizational chart

Commanders

- Brig. Gen. Larry New** — 325th FW
- Col. Douglas Cochran** — 325th FW/CV
- Col. Mark Barrett** — 325th OG
 - Lt. Col. Patrick Marshall — 1st FS
 - Lt. Col. Mark Amidon — 2nd FS
 - Lt. Col. Matthew Donovan — 95th FS
 - Lt. Col. Charles Still — 325th ACS
 - Lt. Col. Steven Wallender — 325th OSS
- Col. Jeff Snyder** — 325th MG
 - Lt. Col. Marc Sarchet — 325th AMXS
 - Maj. Montgomery Diehl — 325th MXS
 - Maj. Sandra Koerkenmeier — 325th MOS
- Col. Joseph Sokol** — 325th MSG
 - Lt. Col. Deanna Paulk — 325th MSS
 - Maj. Norm Eckert — 325th CS
 - Maj. Scott Enold — 325th SFS
 - Maj. Gregory Parsons — 325th SVS
 - Lt. Col. Jerry Weldon II — 325th CES
 - Maj. David Kennedy — 325th CONS
 - Howard Funkhouser — LRD
- Col. Daniel Wyman** — 325th MDG
 - Lt. Col. Robert Garguilo — 325th AMDS
 - Lt. Col. Irvin Brock — 325th MDOS
 - Lt. Col. Bradley Herremans — 325th MDSS



● **FROM EAGLE EYES PAGE 7**

active-duty military members, to family members, to government civilians, contractors, and even off-base business proprietors – could see something out of the ordinary, report it, and make the difference between a terrorist act occurring or not occurring.”

Air Force members and citizens within the Panama City area shouldn’t be shy about reporting incidents to either local law enforcement or the 325th SFS. “We’re much less concerned about too much reporting than we are with too little. When lives are at stake, it’s better to be safe than sorry. If in doubt, report it. The bottom line is if something bothers you or doesn’t seem right, *tell* someone,” Agent Christman said.

Agent Christman said activity that should be reported can be classified into six broad categories:

- ❑ **Surveillance.** Someone recording or monitoring activities. This may include the use of cameras (either still or video), note taking, drawing diagrams, annotating on maps or using binoculars or other vision-enhancing devices.
- ❑ **Elicitation.** People or organizations attempting to gain information about military operations, capabilities or people. Elicitation attempts may be made by mail, fax, telephone or in person.

- ❑ **Tests of security.** Any attempts to measure reaction times to security breaches or to penetrate physical security barriers or procedures in order to assess strengths and weaknesses.
- ❑ **Acquiring supplies.** Purchasing or stealing explosives, weapons, ammunition, etc. Also includes acquiring military uniforms, decals, flight manuals, passes or badges (or the equipment to manufacture such items) or any other controlled items.
- ❑ **Suspicious persons out of place.** People who don’t seem to belong in the workplace, neighborhood, business establishment or anywhere else. Includes suspicious border crossings and stowaways aboard ship or people jumping ship in port.
- ❑ **Dry run:** Putting people into position and moving them around according to their plan without actually committing the terrorist act. This is especially true when planning a kidnapping, but it can also pertain to bombings. An element of this activity could also include mapping out routes and determining the timing of traffic lights and flow.
- ❑ **Deploying assets:** People and supplies getting into position to commit the act. This is the last chance to alert authorities before the terrorist act occurs.

(Courtesy Det. 419, Air Force Office of Special Investigations)

